

ABSTRACT OF THE DISCLOSURE

A head stack assembly for a data recording disk drive has a carriage on which a coil is mounted. The carriage has a first surface and a second surface. A first head gimbal assembly is mounted on the first surface, and a second head gimbal assembly is mounted on the second surface. A datum member is formed on each of the surfaces of the carriage. The datum member is used to position each of the head gimbal assemblies on their respective surfaces. The datum member has two pins that engage apertures in the head gimbal assemblies. A pivot member is located in a separate aperture between the pins such that the head stack assembly is balanced at the center of the pivot member.

5

10

PCT/EP2002/024302